

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)  
Sheet 1 of 1

5/25/94

In the Application of

R. Kucherlapati, et al.

Serial No. 08/031,801

Filed: 15 March 1993

Art Unit: 1802

Examiner: S. Ziska

U.S. PATENT DOCUMENTS

<u>Ref.</u> <u>Desig.</u>	<u>Examiner's</u> <u>Initials</u>	<u>Document</u> <u>Number</u>	<u>Date</u>	<u>Name</u>	<u>Class/Subclass</u>	(If appropriate) <u>Filing Date</u>
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FOREIGN PATENT DOCUMENTS

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1.	SEZ	WO 92/03918	19/03/92	PCT		
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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Examiner:

S. Ziska

Date Considered: 6/21/94

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In the Application of

R. KUCHERLAPATI, ET AL.

Serial No. 08/031,801

Filed: 15 March 1993

Art Unit: Unknown

Examiner: Unknown

U.S. PATENT DOCUMENTS

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AA SEJ WO 91/10741

7/91

PCT

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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AB SEJ Thomas, et al., "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells" (1987) *Cell* 51:503-512.

AC SEJ Koller, et al., "Inactivating the  $\beta_2$ -microglobulin locus in mouse embryonic stem cells by homologous recombination" (1989) *Proc. Nat'l. Acad. Sci.* 86:8932-8935.

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Ref. Desig.	Examiner's Initials	
AD	<u>SEJ</u>	Berman, et al., "Content and organization of the human Ig V <sub>H</sub> locus: definition of three new V <sub>H</sub> families and linkage to the Ig C <sub>H</sub> locus" (1988) <i>EMBO J.</i> 7:727-738.
AE	<u>SEJ</u>	Burke, et al., "Cloning of Large Segments of Exogenous DNA into Yeast by Means of Artificial Chromosome Vectors" (1987) <i>Science</i> 236:806-812.
AF	<u>SEJ</u>	Garza, et al., "Mapping the <i>Drosophila</i> Genome with Yeast Artificial Chromosomes" (1989) <i>Science</i> 246:641-646.
AG	<u>SEJ</u>	Brownstein, et al., "Isolation of Single-Copy Human Genes from a Library of Yeast Artificial Chromosome Clones" (1989) <i>Science</i> 244:1348-1351.
AH	<u>SEJ</u>	Sakano, et al., "Identification and nucleotide sequence of a diversity DNA segment (D) of immunoglobulin heavy-chain genes" (1981) <i>Nature</i> 290:562-565.
AI	<u>SEJ</u>	Tucker, et al., "Mouse IgA heavy chain gene sequence: Implications for evolution of immunoglobulin hinge exons" (1981) <i>Proc. Nat'l. Acad. Sci.</i> 78:7684-7688.
AJ	<u>SEJ</u>	Blankenstein, et al., "Immunoglobulin V <sub>H</sub> region genes of the mouse are organized in overlapping clusters" (1987) <i>Eur. J. Immunol.</i> 17:1351-1357.
AK	<u>SEJ</u>	Joyner, et al., "Production of a mutation in mouse En-2 gene by homologous recombination in embryonic stem cells" (1989) <i>Nature</i> 338:153-155.

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Ref. Desig.	Examiner's Initials	
AL	<u>SEJ</u>	Traver, et al., "Rapid screening of a human genomic library in yeast artificial chromosomes for single-copy sequences" (1989) <i>Proc. Nat'l. Acad. Sci.</i> 86:5898-5902.
AM	<u>SEJ</u>	Pachnis, et al., "Transfer of a yeast artificial chromosome carrying human DNA from <i>Saccharomyces cerevisiae</i> into mammalian cells" (1990) <i>Pro. Nat'l. Acad. Sci.</i> 87:5109-5113.
AN	<u>SEJ</u>	Brüggemann et al., "A repertoire of monoclonal antibodies with human heavy chains from transgenic mice" (1989) <i>Proc. Nat'l. Acad. Sci.</i> 86:6709-6713.
AO	<u>SEJ</u>	Brüggemann et al., "Construction, Function and Immunogenicity of Recombinant Monoclonal Antibodies" (1990) <i>Behring Inst. Mitt.</i> 87:21-24.
AP	<u>SEJ</u>	Brüggemann et al., "Human antibody production in transgenic mice: expression from 100 kb of the human IgH locus" (1991) <i>Eur. J. Immunolog.</i> 21:1323-1326.
AQ	<u>SEJ</u>	Albertsen et al., "Construction and characterization of a yeast artificial chromosome library containing seven haploid human genome equivalents" (1990) <i>Proc. Nat'l. Acad. Sci.</i> 87:4256-4260.
AR	<u>SEJ</u>	Pavan et al., "Modification and Transfer into an Embryonal Carcinoma Cell Line of a 360-Kilobase Human-Derived Yeast Artificial Chromosome" (1990) <i>Mol. and Cell. Biol.</i> 10(8):4163-4169.

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S. J. J. J.

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AS	<u>SEJ</u>	Gnirke et al., "Cloning and <i>in vivo</i> expression of the human GART gene using yeast artificial chromosomes" (1991) <i>EMBO Journal</i> 10(7):1629-1634.
AT	<u>SEJ</u>	Eliceiri et al., "Stable integration and expression in mouse cells of yeast artificial chromosomes harboring human genes" (1991) <i>Proc. Nat'l. Acad. Sci.</i> 88:2179-2183.
AU	<u>SEJ</u>	Huxley et al., "The Human HPRT Gene on a Yeast Artificial Chromosome Is Functional When Transferred to Mouse Cells by Cell Fusion" (1991) <i>Genomics</i> 9:742-750.
AV	<u>SEJ</u>	Mortensen et al., "Production of Homozygous Mutant ES Cells with a Single Targeting Construct" (1992) <i>Mol. and Cell. Biol.</i> 12(5):2391-2395.
AW	<u>SEJ</u>	Davies et al., "Targeted alterations in yeast artificial chromosomes for inter-species gene transfer" (1992) <i>Nucl. Acids Res.</i> 20:2693-2698.
AX	<u>SEJ</u>	Zachau, "The Human Immunoglobulin $\kappa$ Locus and Some of its Acrobatics" (1990) <i>Biol. Chem.</i> 371:1-6.
AY	<u>SEJ</u>	Matsuda et al., "Structure and physical map of 64 variable segments in the 3' 0.8-megabase region of the human immunoglobulin heavy-chain locus" (1993) <i>Nature Genetics</i> 3:88-94.

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Ref.  
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AZ

SEJ

Shin et al., "Physical map of the 3' region of the human immunoglobulin heavy chain locus: clustering of autoantibody-related variable segments in one haplotype" (1991)  
*EMBO* 10:3641-3645

Examiner:

S. Zuba

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